

# Work Order ID 75125

October 17, 2011 2:53:40 PM

**\*75125\***

Page 1

Item ID: D4055-9 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Tank Back  
 Start Date: 10/17/11 Start Qty: 5.00 **\*5\*** Cust Item ID:  
 Required Date: 11/04/11 Req'd Qty: 5.00 **\*5\*** Customer:  
 Reference:

Approvals: Process Plan: CL Date: 11/10/17 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4055	B								

100 0.00  
**\*100\***  
 Purchasing Memo 0.00  
 Purchasing Issue P/O: 15123  
 Purchase part as per Dwg D4055  
 Possible Supplier: GFI  
 Material release note required

CL 11/10/17 5

110 0.00  
**\*110\***  
 Packaging Memo 0.00  
 Packaging

11/14/11 (5)

120 0.00  
**\*120\***  
 QC Memo 0.00  
 Quality Control

(5) 0

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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0.00

## Packaging

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Work Order ID 75125

**\*75125\***

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Item ID: D4055-9

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Tank Back

Start Date: 10/17/11 Start Qty: 5.00

**\*5\***

Cust Item ID:

Required Date: 11/04/11 Req'd Qty: 5.00

**\*5\***

Customer:

Reference:

Run Start **\*NR1\***

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
<b>*160*</b>									
QC	Memo	0.00							
Quality Control									

11/11/22  
MK  
11-11-22

# Picklist Print

October 17, 2011 2:53:39 PM

Page 1

Work Order ID: 75125  
Parent Item: D4055-9  
Parent Item Name: Tank Back

Start Date: 10/17/11  
Start Qty: 5.00  
Required Date: 11/04/11  
Required Qty: 5.00

Comments: IPP RevA: new issue DD 10.01.08 verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4055-9P Tank Back		Purchased	No			110	Each	0.0000	1	5			

*10/11/11* (5)

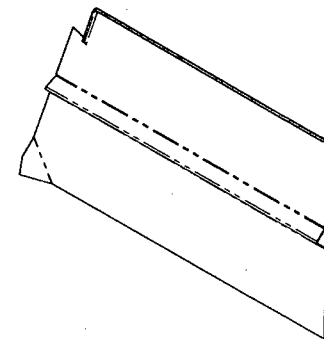
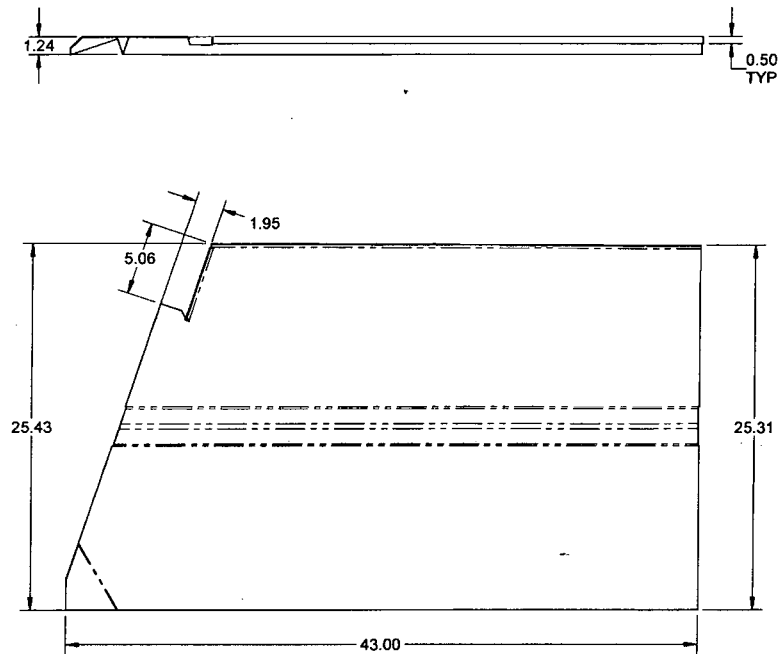
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



CL11110117  
W10' 75125

**D4055-9 TANK BACK**

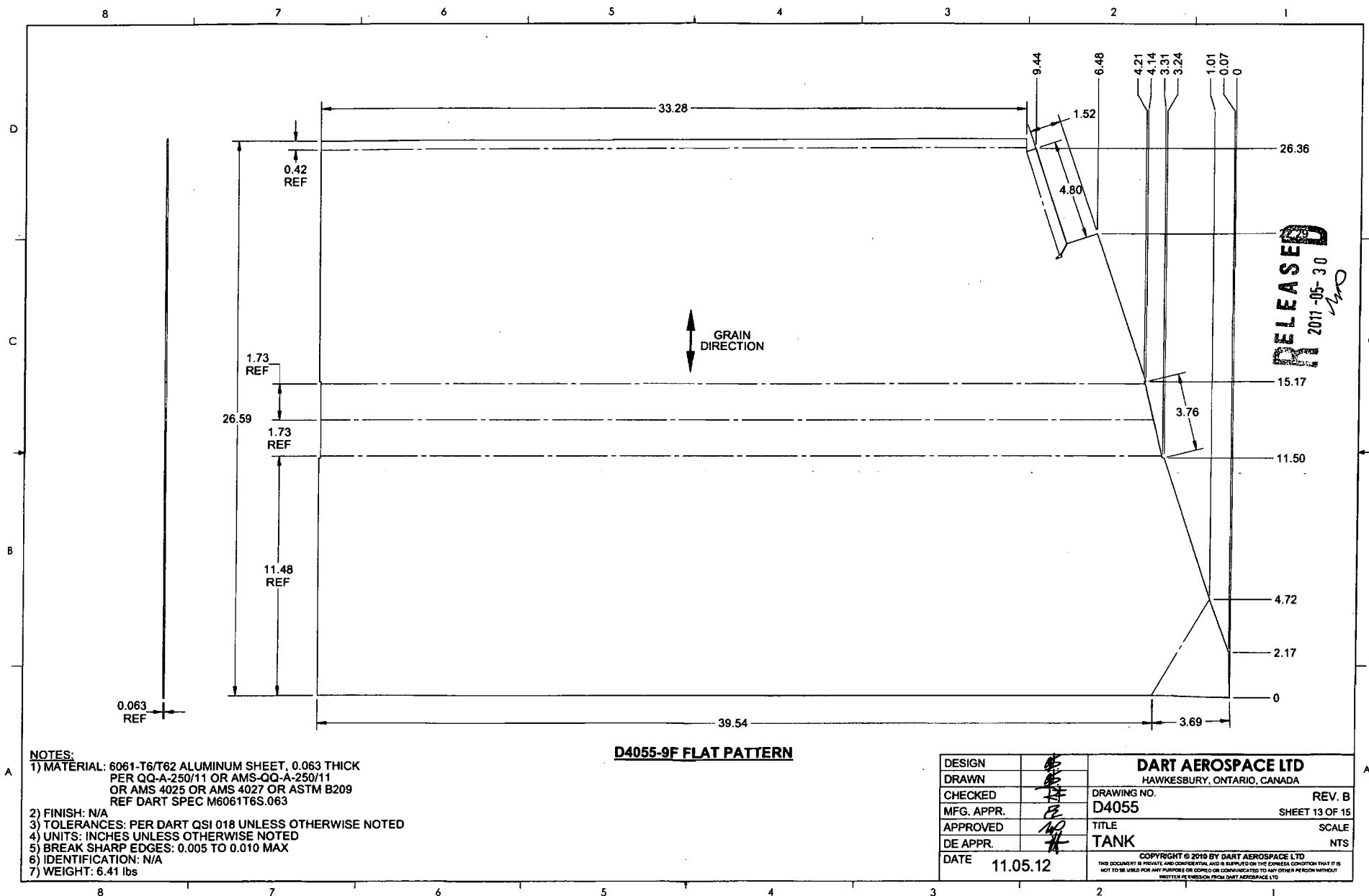
**RELEASED**  
2011-05-30

- NOTES:**
- 1) MATERIAL: MADE FROM D4055-9F
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 6.41 lbs



DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		<b>D4055</b>	SHEET 12 OF 15
APPROVED		TITLE	SCALE
DE APPR.		<b>TANK</b>	NTS
DATE	<b>11.05.12</b>	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	





RELEASED  
2011-05-30



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO15173

Purchase Order Date 10/17/11

PO Print Date 10/17/11

Page Number 1 of 1

Order From :

VC-GFI001

GFI  
180 AVENUE LABROSSE  
POINTE CLAIRE, QC H9R 1A1  
CA

Contact Name

Vendor Phone 514 630 4877

Vendor Fax 514 630 4849

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

PAID  
11/11/11

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D4007-1P	Top Support Bracket	11/04/11 Yes	5.00 Each	FedEx PI ppd	\$80.0000	\$400.00

Special Inst: AS PER DWG D4007 REV. A  
B75112

D4055-9P

Tank Back

11/04/11  
Yes

5.00  
Each

FedEx PI ppd

\$115.0000

\$575.00

Special Inst: AS PER DWG D4055 REV. B  
B75125

PO Total:

\$975.00

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 10/17/11

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



180 AVENUE LABROSSE  
POINTE-CLAIRE, QC, CANADA H9R 1A1  
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



# BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
31	10	11	0472875	1/1



VENDU À / SOLD TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7

CODE DE CLIENT / CUSTOMER CODE	N° DE CONTRAT / JOB NO.	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR / SHIP VIA
DART GFI-0299	0238540	PO15173	

QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO.	DESCRIPTION
5	D4055-9P	TANK BACK CERTIFICATE OF CONFORMANCE REQ
MFG. JOB# _____ QTY _____		

EXPÉDITEUR / SHIPPER

N° DE BON DE LIVRAISON / SHIPPING MEMO NO.



REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.  
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

# CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE  
POINTE CLAIRE, QC  
H9R 1A1

**DART AEROSPACE LTD**  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO.	<u>6</u>	OUR JOB NO	<u>J0238540</u>	SHIPPING MEMO	<u>0472875</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>--</u>	<u>5 PCS</u>	<u>PO15173</u>	<u>D4055-9P</u>	<u>B</u>	<u>TANK BACK</u>	<u>B</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>.063 THK AL 6061-T6</u> <u>(AMS-QQ-A250/11)</u>		<u>SAMUEL / ALCOA INC</u>		<u>719924</u>		

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>N/A</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER J0238540001 (5 PCS)</u>		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 31 OCTOBER 2011

G.F.I. Q.C. REP

*Carrie Hurlb*

# LES MÉTAUX SPÉCIALISÉS SAMUEL

Programme d'Assurance Qualité Enregistré / Registered Q.A. Program  
ISO 9001:2008 + AS9100B

## LETTRE DE CONFORMITÉ - LETTER OF COMPLIANCE

**Date:** October 21, 2011

**Company Name:** GFI Division of Thomas & Betts limited  
**Address:** 180 avenue Labrosse  
**City:** Pointe-Claire, Qc  
**Zip Code:** H9R 1A1

**# du client:** 0079384

**Customer's order #:**

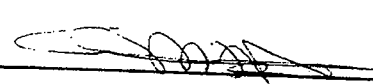

**# de commande SSMQ:** 087713  
**SSMQ's Order #:**

La présente est pour certifier que le matériel détaillé ci-dessous est conforme aux exigences de votre commande et des normes du grade tel que décrit:

The following is to certify that the material listed below meets your order requirements and grade standards as described:

Notre/Our Item #	# de pièces/ # of pieces	Épaisseur/Grandeur Guage/Size	Alliage/Trempe Alloy/Temper	Spécification / Specification	Lot/Heat
01	2	.0630" X 48" X 144"	6061 T6	AMS-QQ-A-250/11 AMS4027	719924

Bien à vous,  
Yours truly,

# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Malcolm Murphy

Director of Manufacturing Davenport Works

Terrence Thom  
Quality Assurance Manager

1292289

Ship Date

0

B.L. No.

Invoice No.

Alcoa No. Item

2011-09-23

6372211

00000

1000300400-2

DCE-00400-2

P.O. No./Govt Contract No.

Customer

Alcoa Item

C63906 Ln#: 2

SAMUEL SON & CO LT G041110647R06

Page 1 of 2

Ship To: SAMUEL SON & CO LTD  
S.S.M.Q  
21525 CLARKE-GRAHAM  
BAIE D'URFE H9X 3TS QC

## Item Description

0.063 IN TK (+0.0000 -.0035) X 48.0 IN W (+.125 -  
.125) X 144.0 IN LN (+.15625 -.15625) (N) A/T 6061-  
T6-PLAT SHEET FOR DISTRIBUTORS TOLERANCE  
GUARANTEED. AMS4027 REV N EXC\_MRK ASME-SB-  
209 REV 10 EXC\_MRK ASTM B209 REV 07  
CMM P025 REV S ((MARKED)) KRAFT PAPER  
INTERLEAVED MAX GROSS  
SKID WGT: 4500 LB QUAN TOL +/-30 %  
CQR 0222751 REV 05 CUST REQ 11-08-  
06 \*\*\* W/E 11-08-20 \*\*\*

8/11/07

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector Clock Numbers
1	340127	719924	4033	100	PC	27592 46940
2	340135	719924	4075	100	PC	27592 46940
			8108	200		

Notes for CQR: 0222751.5

PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250\_11 ORIGINAL REVISIO N DATED 1997-08-01.

CQR: 0222751.5 -Specification Limits

Temp	Dir	UTS	TYS	EL4D
T6	Long Transv.	KSI	KSI	PCT
	Max	42.0	35.0	10
	Min			

# CERTIFIED INSPECTION REPORT

**Alcoa Inc.**

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

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Malcolm Murphy

Director of Manufacturing Davenport Works

Terrence Thom  
Quality Assurance Manager

1292289

Ship Date

0

B.L. No.

Invoice No.

Alcoa No. Item

2011-09-23

6372211

00000

1000300400-2

DCE-00400-2

P.O. No./Govt Contract No.

Customer

Alcoa Item

C63906 Ln#: 2

SAMUEL SON & CO LT G041110647R06

Page 2 of 2

CQR: 0222751.5 -Specification Limits (cont.)

Chemical Composition

Alloy 6061

Lot: 719924

	SI	FE	CU	MN	MG	CR	ZN	TI	Other Each	Other Total	Aluminum
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15	
Min	0.40		0.15		0.8	0.04					

- Mechanical, Physical, Metallography, Quantometer Results

REMAIN

Temp Dir

T6 Long Transv.

No->

Test

2

UTS

KSI

50.2

50.2

TYS

KSI

44.5

44.3

EL4D

PCT

11.6

11.7

Cast Number

H2797021

Chemical - OES  
Actuals

SI	FE	CU	MN	MG	CR	ZN	TI
0.64	0.4	0.23	0.04	1.0	0.16	0.02	0.02

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States